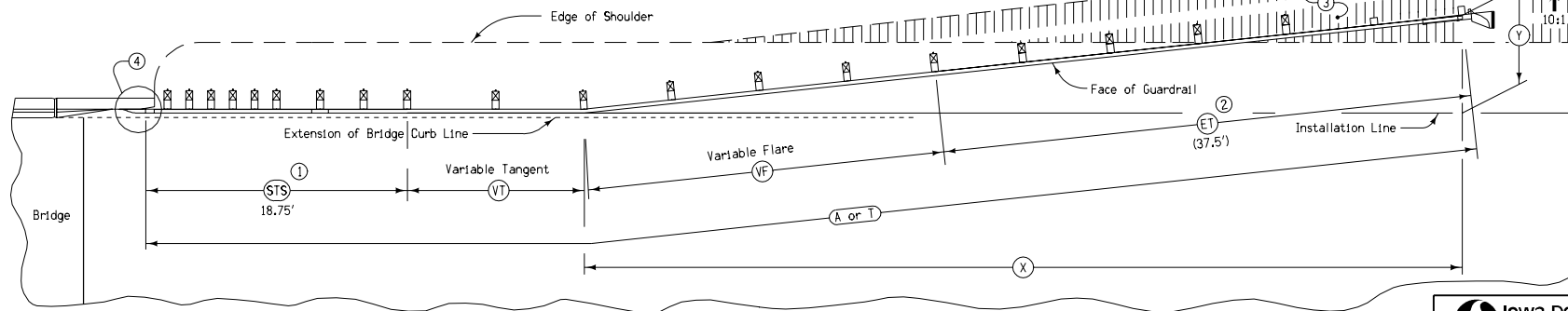
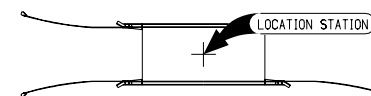


CASE "S"

OFFSETS TO LAST POST OF TERMINAL											
Distance Along Flare (5)	37.5'	50.0'	62.5'	75.0'	87.5'	100.0'	112.5'	125.0'	137.5'	150.0'	
(X)	37.29'	49.71'	62.14'	74.57'	87.00'	99.43'	111.86'	124.29'	136.72'	149.14'	
(Y)	4.00'	5.33'	6.67'	8.00'	9.33'	10.67'	12.00'	13.33'	14.67'	16.00'	

TRAFFIC
LAPPING PROCEDURE



CASE "F"

GENERAL NOTES:

Details indicated hereon are for the typical installation of guardrail at approaches to bridges constructed with concrete barrier rail. Refer to project plans, including Tabulation of Steel Beam Guardrail installations as well as other Standard Road Plans for additional requirements for individual installations.

Horizontal and vertical alignment of the guardrail in the area immediately adjacent to the bridge or the concrete barrier shall, where necessary, be adjusted to a smoothly curved line with no abrupt changes. Appropriate adjustment in method of installation shall be made for curved roadways, skewed bridges, or other conditions not shown.

Guardrail shall be lapped towards the structure.

Contract items for guardrail construction are:

- Installation of Guardrail (Bid Item Length = A or T)
- Beam Guardrail Terminal (RE-76)
- Beam Guardrail End Anchorage (RE-69 or RE-27B)

- Standard Transition Section, this section includes 2 - 12.5' elements of Thrie Beam Guardrail (Nested) and "W" to Thrie Beam Transition Section. Refer to Standard Road Plan RE-68.
- Refer to Standard Road Plan RE-76 for details of Terminal Section.
- For earth shaping at barrier and berm widths, see Standard Road Plan RL-14.
- For connections to Bridge End Post, see Standard Road Plan RE-69A, RE-69B, RE-69C, or RE-27B.
- Variable Flare length (VF) + Terminal length (ET) (37.5').

Iowa Department of Transportation
Highway Division

STANDARD ROAD PLAN RE-65A

REVISION: Added a reference to RE-69C to note 4.
REVISION NO. 6
REVISION DATE 10-29-02
APPROVED BY: DESIGN/METHODS ENGINEER

GUARDRAIL INSTALLATIONS
AT BRIDGE END

For object marker and delineator placement, see Standard Road Plan RE-48A.

For additional information, see Standard Road Plans and Tabulations as follows:
RE-2B, RE-12A, RE-12B, RE-27B, RE-68, RE-69A, RE-69B, RE-69C, RE-76, RL-14, 107-23, 108-8A.